

Date: July 23, 1984

Subject: EPA Registration Number : 7501-42  
Sustafon Apron-Fl Seed Protectant

From: Deloris J. Graham  
JHG/SS E 8/1/84

2. Henry Jacoby  
Product Manager (21)

Applicant: Sustafon, Inc.  
P.O. Box 660065  
Dallas, Texas 75266-0065

Active Ingredient:

Metaxyl: N-(2,6-dimethylphenyl)  
-N-(methoxyacetyl) aniline methyl  
ester . . . . .

28.35%

Inert Ingredient . . . . . 71.65%

Background: Submitted justification for  
waiver of Acute Inhalation Data and LO50  
and 95% confidence limits for Acute Oral  
Study previously reviewed on October 20, 1983.  
Method of support not indicated

Recommendation:

(1) Based on the LO50 information submitted  
for Acute Oral Study, the appropriate toxicity  
category for this Study is III - CAUTION



(2) Based on the information attached to letter dated March 9, 1984 from the Company and information received on Acute Inhalation October 20, 1983, it is concluded that there would ~~be~~ be minimal exposure through inhalation route.

Label:

(1) No additional labeling comments.

Reminder:

1. Acute Oral Toxicity Study: Product Safety Labs; Report No. T-3030; May 6, 1983.

Procedure: Five male and five female rats weighing between 200 and 300 grams received a single dose of 5.0 g/kg. Observations were daily for 14 days after treatment. Necropsy performed on all animals.

Results: 2/5 M and 5/5 F died. Lethargy was the only toxic sign noted in the 3/5 M survivors. Necropsy revealed discolored liver and spleen; intestinal hemorrhage; pulmonary hemorrhage. ~~LD<sub>50</sub> less than 5.0 g/kg.~~

LD<sub>50</sub> reported to be of 2.9 g/kg with 95% confidence limits between 1.8 and 4.6 g/kg.

Study Classification: Core Guideline Data.

Toxicity Category: III - CAUTION